802.11ba Draft Specification

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| Spec Text for FDMA Channel Signaling | | | | |
| Date: 2018-05-07 | | | | |
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Abstract

This submission contains spec text to be incorporated in P802.11ba D0.1 related to these motions:

**Reference slide deck(s):**

[1] 18/808r0 FDMA Channel Signaling

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Revision History:

Rev 0: Initial version of the document

***Editing instructions formatted like this are intended to be copied into the TGba Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGba Editor: Editing instructions preceded by “TGba Editor” are instructions to the TGba editor to modify or insert material in the TGba draft. As a result of adopting the changes, the TGba editor will execute the instructions rather than copy them to the TGba Draft.***

* Management and Extension frame body components
* Elements

**9.4.2.262 WUR Mode element**

**TGba Editor: *Instruction: Please modify Table 9-262a as follows:***

**Table 9-262a—Action Type definitions**

|  |  |
| --- | --- |
| **Action Type value** | **Meaning** |
| 0 | Enter WUR Mode Request |
| 1 | Enter WUR Mode  Response |
| 2 | Enter WUR Mode  Suspend Request |
| 3 | Enter WUR Mode  Suspend Response |
| 4 | Enter WUR Mode  Suspend |
| 5 | Enter WUR Mode |
| 6 | Change WUR Parameters |
| 7-255 | Reserved |

**TGba Editor: *Instruction: Please modify Table 31-1 as follows:***

Table 31-1—WUR Mode setup frame exchange

|  |  |  |  |
| --- | --- | --- | --- |
| **Request frame: Action Type field within a WUR Mode Setup frame transmitted from a WUR non-AP STA to a WUR AP STA** | **Response frame: Action Type field within a WUR Mode Setup frame transmitted from a WUR AP STA to a WUR non- AP STA** | **Response frame: WUR Mode Response Status field within a WUR Mode Setup frame transmitted from a WUR AP STA to a WUR non- AP STA** | **Status after the completion of the exchange** |
| Enter WUR Mode Request | Enter WUR Mode Response | Accept | The WUR non-AP STA enters WUR Mode. |
| Enter WUR Mode Suspend Request | Enter WUR Mode Suspend Response | Accept | The WUR non-AP STA enters WUR Mode Suspend. |
| Enter WUR Mode Request | Enter WUR Mode Response | Denied | WUR service is not provided by the WUR AP to the WUR non-AP STA at this time. |
| Enter WUR Mode Suspend Request | Enter WUR Mode Suspend Response | Denied | WUR service is not provided by the WUR AP to the WUR non-AP STA at this time. |
| Change WUR Parameters | Change WUR Parameters | Accept | WUR parameters of the WUR non-AP STA change while maintaining WUR Mode |
| Change WUR Parameters | Change WUR Parameters | Denied | WUR parameters of the WUR non-AP STA are not changed while maintaining WUR Mode |
|  | Change WUR Parameters (Unsolicited) | Accept | WUR parameters of the WUR non-AP STA change while maintaining WUR Mode |

**TGba Editor: *Instruction: Please add follwoing paragraph after 3rd paragraph:***

After a WUR non-AP STA has switched to WUR Mode, the WUR non-AP STA may change its WUR parameters while maintaining WUR Mode by using the PCR component to complete a successful frame exchange, which includes a WUR Mode Setup frame with Action Type field of the carrying WUR Mode element set to “Change WUR Parameters” from the WUR AP and an Ack frame from the WUR non-AP STA.